

CRYSTALLIZATION CASSETTE FOR THE GROWTH AND ANALYSIS OF MACROMOLECULAR CRYSTALS AND AN ASSOCIATED METHOD

ABSTRACT OF THE DISCLOSURE

The invention is a crystallization cassette and associated method for growing and analyzing macromolecular crystals *in situ* by X-ray crystallography. The cassette allows proteins (as well as other macromolecules) to be crystallized by the counter-diffusion method in a restricted geometry. Using this procedure, crystals can be adequately prepared for direct X-ray data analysis such that the protein's three-dimensional structure can be solved without crystal manipulation.